

Title (en)

DEVICE FOR INDUCTIVE TRANSFER OF ELECTRICAL ENERGY

Title (de)

VORRICHTUNG ZUR INDUKTIVEN ÜBERTRAGUNG ELEKTRISCHER ENERGIE

Title (fr)

DISPOSITIF DE TRANSMISSION D'ÉNERGIE ÉLECTRIQUE PAR COUPLAGE INDUCTIF

Publication

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Application

EP 13705116 A 20130201

Priority

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- EP 2013052019 W 20130201

Abstract (en)

[origin: WO2013174527A1] The invention relates to a device (1) for the inductive transfer of electrical energy between a stationary coil (12), which can be installed in a roadway (7), and a secondary coil (13) of a movable electrical load, in particular of an electrical vehicle (14), wherein a supply unit (16) for supplying electrical energy is allocated to the coil (12). The invention solves the problem of providing a maintenance-friendly, reliable, operationally secure device for inductive transfer of electrical energy, which is protected against penetration of water into the sensitive electronics, in that the supply unit (16) is arranged on a side of the coil (12) facing away from the roadway (7) in an installed state in a housing (19) which is closed on top and laterally, having a housing opening (20) open to the bottom.

IPC 8 full level

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CPC (source: EP US)

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Opponent :

WO 2008106818 A1 20080912 - ALMATEC AG [CH], et al

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DOCDB simple family (publication)

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